A NEWLY MOUNTED SKELETON OF THE ARMORED DINOSAUR, STEGOSAURUS STENOPS, IN THE UNITED STATES NATIONAL MUSEUM.

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INTRODUCTION.

The Stegosaurs were by reason of their large size, and ornate dermal structure the more striking and characteristic of the large reptilia that inhabited the northern hemisphere in Morrison time. It should be said, however, that the family Stegosauridae is not confined exclusively to North America, for specimens have been found in England, France, and German East Africa that are but little unlike the American representatives. At this time the origin of the family is not known, though it is now generally believed that the Stegosaurs had a bipedal ancestry, and that increasing bulk and development of the dermal armor caused them to lose celerity of movement, thus becoming sluggish, slow-moving quadrupedal creatures of low mentality.

By the measurement of the brain cavity in the skull of Stego-saurus it is found that the brain displaces but 56 cubic centimeters of water and has an estimated weight of about $2\frac{1}{2}$ ounces. This small organ directs the movements of a creature estimated to weigh several tons, while the average normal human brain has a capacity of 900 cubic centimeters in a creature weighing from 130 to 150 pounds.

The most remarkable feature of the nervous system of this great brute, however, is the enormous enlargement of the spinal cord in the sacral region, which has a mass of more than 20 times that of the puny brain. At best the intelligence of this animal was of the lowest order, hardly more than sufficient to direct the mere mechanical functions of life.

While the horned-dinosaurs, with skulls from 7 to 9 feet long, were the largest headed land vertebrates the world has ever known, the Stegosaurs are the smallest-headed when the great bulk of the body is taken into consideration. The jaws are provided with a dentition, made up of teeth so small and weak as to be always a source of won-

der and conjecture as to the real character of their feeding habits. They would at least appear to indicate that their food consisted of the most succulent of terrestrial plants. The structure of the large. broad feet suggests they were land-haunting, doubtless of low, swampy regions rather than the upland, and such an environment would be the more natural place to find the soft plant life necessary for their sustenance. In addition to the small head, the great difference in the proportions of the fore and hind legs, the one most striking external feature of Stegosaurus, is the unusual development of the skin armor, consisting as it does of two parallel rows of erect alternating bony plates that extend from back of the skull on either side of the midline of the back nearly to the end of the tail; the tail being armed near the tip with two pairs of large bony spikes or spines. There is also a considerable number of small rounded bony ossicles that in life were held in the skin and probably formed a mail-like protection to the head and neck. The primary purpose of this armor must have been for defense, probably protective to the extent of giving the animal a most formidable appearance rather than actually useful as an offensive instrument.

While the fossil remains of these animals are not uncommon in our museums, they consist for the most part of the scattered and disarticulated bones of the skeleton. Only rarely have fairly complete skeletons been found and hitherto there has existed in our museums but one mounted skeleton, that of the Yale University Museum in New Haven, Connecticut, although now dismantled due to the tearing down of the old museum building preparatory to the erection of a new and more spacious institution.

THE MOUNTED SKELETON OF STEGOSAURUS STENOPS.

Thus the recent addition to the exhibition collection of the section of Vertebrate Paleontology in the United States National Museum of a mounted skeleton of *Stegosaurus stenops* makes it the only skeleton of *Stegosaurus* now on exhibition. Photographs as it appears in the exhibition hall are reproduced in plates 57–61.

The present specimen is a composite skeleton—that is, made up of the bones of more than one individual—but by following the type of the species (No. 4934, U.S.N.M.) the most perfect single skeleton known, as a guide, it is believed the mounted specimen gives a very accurate conception of the skeletal structure of this animal. It is based primarily on a specimen (No. 6531, U.S.N.M.) consisting of the nearly complete articulated tail, sacrum, the greater number of the dorsal vertebrae, pelvis, numerous ribs, and dermal plates. The other bones introduced are from individuals found in the same deposit of fossils, known to the collectors as "Quarry 13," located about 8 miles east of the famous Como Bluff in Albany County.

Wyoming. None of the bones used in the mount were found more than 90 feet distant in the quarry from No. 6531, which forms the basis of the mount. It is quite possible that some of these bones may have originally belonged to that skeleton. A considerable number of elements for which bones of the proper size and proportions were not available have been restored. As is customary the restored portions were given a color sufficiently distinctive to make them easily recognized from the originals.

The skeleton as mounted measures 14 feet 9 inches in length between perpendicular uprights and 7 feet 11 inches high from the base to the top of the dermal plate above the hips. The Yale specimen is much larger, being 19 feet 5 inches long, and 11 feet $10\frac{1}{2}$ inches from the base to the top of the highest plate. The much smaller size of the specimen in the United States National Museum may be attributed not only to its pertaining to a smaller species but also to the fact that the bones composing it were of individuals which had not reached their maximum development.

The actual articulation of the skeleton brings out some features in the proportions of the animal that would hardly be appreciated in a study of the individual bones. The wide hips (see pl. 60), necessitating a corresponding expansion of the posterior thoracic ribs, the flat-sided anterior half of the body (see pl. 59), the rapidly drooping tail, the pose being clearly indicated by the wedge-shaped centra of the anterior caudals. In the latter respect this mount is in striking contrast to the Yale specimen, which has the tail high above the ground. It was particularly gratifying to find that when the dermal plates were properly spaced above the backbone that the number required was in close agreement to an earlier expressed opinion 1 "that there are not more than 18 in the complete series of flat plates." In this specimen 19 were required to complete the two rows, and it would now appear that, allowing for some variation within the individual, there could not have been less than 18 or more than 20 plates in the complete series. The greatest uncertainty vet exists as to the exact number of cervical vertebrae. In the present mount the first 12 vertebrae are considered as belonging to the neck, thus leaving 15 of the 27 presacrals as pertaining to the thoracic region. While the type of \hat{S} . stenops has a complete presacral series present, unfortunately those at the junction of the neck with the body are so crushed as to render them valueless for determining this important point. The cervical ribs are also partially unknown and it is not at all certain that as restored from scattered elements they represent the true shape or show the exact transition in form from the first to the last.

¹ Gilmore, C. W., Proc. U. S. Nat. Mus., vol. 49, 1915, p. 355.

The other anatomical details of the skeleton of Stegosaurus have been so fully covered in an earlier paper 1 that no notice of them need be taken here except to mention that the digital formula of the forefeet is still in doubt. Following fragmentary evidence in the form of several incomplete feet in the collections, they were restored, as follows: Digit I, two phalanges; digit II, three phalanges; digit III, four phalanges; digit IV, three phalanges; and digit V, two phalanges. Digits I and II being terminated by broad, flat, hooflike unguals; the other three digits terminated by short but transversely expanded elements which in life were doubtless inclosed entirely within the muscular mass of the foot, thus giving but little, if any, external indication of their presence.

The fossil bones used in this mount were largely prepared by N. H. Boss, preparator in the section of vertebrate paleontology, who also modeled many of the missing parts. The actual mounting of the skeleton is the work of Thomas J. Horne, preparator in the same section, who is to be highly commended for the skill displayed in overcoming the many difficult mechanical problems presented. The inconspicuousness of the framework of iron necessary to support these fragile, though heavy bones shows for itself the highly skilled character of the work. For the pose of the skeleton and whatever anatomical discrepancies may be found I alone must be held responsible.

Many of the bones used in the mount are described and figured in Bulletin 89, United States National Museum, these being indicated in the appended list of bones used in the mount.

Measurements of skeleton.

| Length between perpendiculars | 14 feet 9 inches. |
|---|---------------------|
| Length of tail between perpendiculars | 8 feet. |
| Greatest width of hips | 3 feet 2 inches. |
| Greatest height to top of highest plate | 7 feet 11 inches. |
| Greatest width of shoulders | 2 feet 10.5 inches. |
| Height of shoulders | 2 feet 11 inches. |
| Height of elbow | 1 foot 8 inches. |
| Height of hip | 4 feet 10.5 inches. |
| Height of knee | 2 feet 4 inches. |

THE STEGOSAURUS EXHIBIT IN THE UNITED STATES NATIONAL MUSEUM.

In 1904 a natural size life restoration of Stegosaurus stenops Marsh (see pl. 62), formed a part of the United States National Museum exhibit at the World's Fair held in St. Louis during that year. At the close of the fair it was returned to Washington and there made a part of the exhibition series of the Section of Verte-

brate Paleontology. This restoration was an enlargement to lifesize of a small statuette modeled by Charles R. Knight, the well known artist and animal sculptor. Although according to our present knowledge of the skeletal anatomy it is now known to be inaccurate in some respects, taken all in all it presents a most striking picture of the supposed life appearance of this curious animal.

In 1913 the type-specimen of Stegosaurus stenops Marsh the most perfect skeleton known was prepared for exhibition. This skeleton as now displayed (see pl. 61), shows the precise relative position of every bone as originally found. Some important parts are missing, such as the distal half of the tail, hind feet, and some minor bones, yet it is by far the most perfect example of a Stegosaurus skeleton that has yet been discovered. The retention of the greater number of the dermal plates in their original relationship makes the specimen invaluable as a guide for the proper articulation of these puzzling elements in subsequently discovered specimens.

Although some bones are missing and others are slightly disarranged the position of the skeleton (see pl. 61) is that of an animal which died a natural death, for such disarrangement as exists can be attributed to the natural shifting of the bones rather than to their having been torn apart by any of the contemporary predatory car-

nivores.

This exhibit of Stegosaurian specimens is now made complete by the recent addition of the mounted skeleton previously described, and the arrangement in the exhibition hall of these important specimens as now displayed, is well shown in the reproduced photograph (pl. 61). The three specimens—i. e., the mounted skeleton, the skeleton in relief, and the life-sized restoration—constitute a most comprehensive and interesting exhibit of this curious dinosaur.

It is further supplemented by a small model (see pl. 63) restoracion which I prepared in 1915 of S. stenops one-twelfth natural size, based on the type of that species. In this model was incorporated all of the evidence relating to its external appearance, accumulated during several years study of a large series of Stegosaurian remains. It was particularly gratifying to find, after mounting the actual skeleton, that but slight changes were suggested as necessary either in the proportions or pose of the model.

When compared with the earlier restoration made by Knight (compare pls. 62 and 63), certain differences are to be observed. The most important of these is a shortening of the body, thus bringing the fore and hind limbs closer together; a reduction in the number of erect skin plates; the transposition of the largest plate of the series from above the hips to a point above the base of the tail; a reduction in the total length of the head, and the changing of its flat upper surface to a slightly convex contour which is more in

conformity with the evidence furnished by several skulls of this animal now in the collections. Finally, the digits are represented as being terminated by flattened hoof-like nails rather than by elongated slightly curved claws as shown in plate 62.

The above corrections incorporated in this latest restoration (pl. 63) effect a considerable change in the proportions and general aspect of this reptile, and were only made possible by the discovery of better preserved specimens and the study of considerably greater number of individuals than were available at the time Knight made his restoration of this animal. It is to be expected that future discoveries will bring about still further modifications in our present conception of the life appearance of *Stegosaurus*.

List of bones used in the mounted skeleton of Stegosaurus stenops. No. 8612, U. S. N. M.

| Bones used. | Catalogue numbers U.S.N.M. | Field numbers. | Diagram number. |
|--------------------------------|----------------------------------|-------------------|--------------------|
| 21-23]] | 4935 | (180 | 4 |
| Skull | 4935 | 100 | 4 |
| Atlas | 4935 | Sk 4 180 | 4 |
| Axis | 4935 | 180 | 4 |
| Tenth cervical vertebra | | 123 | 4 |
| First dorsal vertebra | 6531 | 59 | 13 |
| Second dorsal vertebra | 6531 | 60 | 13 |
| Third dorsal vertebra | 6531 | 61 | 13 |
| Fourth dorsal vertebra | 6531 | | 13 |
| Sixth dorsal vertebra | 6531 | | 13 |
| Seventh dorsal vertebra | 6531 | | 13 |
| Eighth dorsal vertebra | 6531 | | 13 |
| Ninth dorsal vertebra | 6531 | 66 | 13 |
| Eleveuth dorsal vertebra | 6531 | | 13 |
| Twelfth dorsal vertebra | 6531 | | 13 |
| Thirteenth dorsal vertebra | 6531 | | 13 |
| Sacral vertebrae | 6531 | 19 | 11 |
| Fifth caudal vertebra | 6531 | 17 | 11 |
| Sixth caudal vertebra | 6531 | 27 | 11 |
| Seventh caudal vertebra | 6531 | 28 | 11 |
| Eighth caudal vertebra | 6531 | 29 | 11 |
| Ninth caudal vertebra | 6531 | 30 | . 11 |
| Tenth caudal vertebra | 6531 | 31 | 11 |
| Eleventh caudal vertebra | 6531 | 32 | 11 |
| Twelfth candal vertebra | 6531 | 33 | 11 |
| Thirteenth caudal vertebra | 6531 | 34 | 11 |
| Fourteenth caudal vertebra | 6531 | 35 | 11 |
| Fifteenth caudal vertebra | 6531 | 36 | 11 |
| Sixteenth caudal vertebra | 6531 | 37 | 11 |
| Seventcenth caudal vertebra | 6531 | 38 | 11 |
| Eighteenth caudal vertebra | 6531 | 39 | 11 |
| Nineteenth caudal vertebra | 6531 | 40 | 11 |
| Twentieth caudal vertebra | 6531 | 41 | 11 |
| Twenty-first caudal vertebra | 6531 | 42 | 11 |
| Twenty-second caudal vertebra. | 6531 | | 11 |
| Twenty-third caudal vertebra | 6531 6531 | 45 | 11 |
| Twenty-fourth caudal vertebra. | 6531 | 46 | 11 |
| Twenty-fifth caudal vertebra | 6531 | 40 | 13 |
| Twenty-sixth caudal vertebra | 6531 | | 13 |
| Twenty-seventh caudal vertebra | 6531 | | 13 |
| Twenty-eighth caudal vertebra | 6531 | | 13 |
| Twenty-ninth caudal vertebra | 6531 | | 13 |
| Phirty-first caudal vertebra | 6531 | | 13 |
| Thirty-second caudal vertebra. | 6531 | | l î |
| Thirty-third caudal vertebra | 6531 | | 13 |
| Phirty-fourth caudal vertebra | 6531 | | 13 |
| Thirty-fifth caudal vertebra. | | | 18 |
| Thirty-sixth caudal vertebra. | | | 13 |
| Thirty-seventh caudal vertebra | 6531 | | î |
| Thirty-eighth caudal vertebra | | | 13 |
| Thirty-ninth caudal vertebra | 6531 | | 13 |
| Fortieth caudal vertebra. | 6531 | | 13 |
| Forty-first caudal vertebra | d531 | | 13 |

List of bones used in the mounted skeleton of Stegosaurus stenops. No. 8612, U.S. N. M.—Continued.

| Forty-second candal vertebra | | | T | |
|--|---|--------------|-------|--|
| Forty-second candal vertebra Content Con | | Catalogue | Field | Diagram |
| Forty-second caudal vertebra. Forty-fifth cau | Bones used. | numbers | | number. |
| Forty-furth candal vertebra 6531 | | U.B.14.M. | | |
| Forty-furth candal vertebra 6531 | | | | |
| Dermal plates: | Forty-third could vertebra | | | 13 13 |
| Dermal plates: | Forty-fourth caudal vertebra | | | 13 |
| Dermal plates: | Forty-fifth caudal vertebra | | 14 | 13 |
| *No. 6. | Darmal platace | | | |
| *No. 6. | No. 1 | 7615 | | 4 |
| *No. 6. | No. 3 | 7383 | | 4 7 |
| *No. 9. | *No. 4 | 7615 | 185 | 7 |
| *No. 9. | *No. 6 | | 211 | 4 |
| No. 9 | N0, 7*NIO 9 | | 212 | 4 |
| No. 12 | No. 9 | | 209 | 4 4 4 4 5 |
| No. 12 | No. 10 | 7584 | 210 | 4 |
| No. 12 | No. 11 | 7584 | | 5 |
| No. 18 | | | | 4 7 |
| No. 18 | No. 15 | | | 11 |
| No. 17 | No. 16 | | | 13 |
| Nos. 1 and 2 | No. 17 | 6531 | 47 | 11 |
| Nos. 1 and 2 | No. 18 | 6531 | 20 | 13 |
| Nos. 1 and 2 | Dermal spines: | 0031 | 43 | 11 |
| Femur, left. 4929 216 Tibia, right 7380 75 Tibia, left 7380 75 Tibia, left 7380 27 Fibula, left 7380 161 Scapula, right 7361 96 Scapula, left 4929 184 Coracoid, right 7361 96 Coracoid, left 4929 184 Coracoid, left 4929 212 Humerus, left 4929 212 Humerus, left 4929 202 Ulna, left 4929 183 Ulna, right 4929 202 Ulna, left 4929 160 Radius, right 4929 160 Radius, right 4929 160 Radius, right 4929 160 Radius, right 4929 170 Radius, left 4929 170 Illium, right 6531 79 Illium, right 6531 79 Illium, right 6531 79 Illium, right 6531 111 Schium, right 6531 49 Ischium, right 6531 54 Calcaneum, right 6531 54 Calcaneum, right 7397 77 Metatarsals I, II, and III, right foot 7397 Metatarsals I, II, and III, right foot 7399 Froximal phalanx, digit I, left foot 7399 Froximal phalanx, digit I, left foot 7399 Froximal phalanx, digit I, right foot 7360 Froximal phalanx, digit II, right foot 7360 Froximal phalanx, digit II, right foot 7360 Froximal phalanx, digit II, right foot 7360 Froximal phalanx, digit II 1 righ | Nos. 1 and 2 | | 18,17 | 13 |
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| Tibia, right. 7350 75 Tibia, left. 7350 27 Fibula, right 7350 161 Seapula, right 7361 96 Seapula, right 7361 96 Seapula, right 7361 96 Seapula, right 7361 96 Coracoid, right. 7361 96 Coracoid, right. 7361 96 Coracoid, left. 1211 197 Humerus, right. 4929 184 Humerus, right. 4929 182 Humerus, left 4929 183 Ulna, right 4929 183 Ulna, right 4929 100 Radius, right 4929 100 Radius, right 4929 100 Radius, right 4929 100 Radius, right 4929 16 Radius, right 4929 16 Radius, right 4929 16 Radius, right 6531 79 Hinm, left 6531 79 Hinm, left 6531 79 Hinm, left 6531 79 Rubes, right 6531 111 Pubes, left 6531 51 Ischium, right 6531 51 Ischium, right 6531 51 Ischium, right 6531 51 Ischium, right 7397 179 *Metatarsals I, II, and III, right foot 7397 77 *Metatarsals I, II, and III, right foot 7399 77 *Proximal phalanx, digit I, right foot 7612 Ungual phalanx, digit I, right foot 7369 74 Ungual phalanx, digit I, left foot 7369 77 *Proximal phalanx, digit I, left foot 7366 115 Ungual phalanx, digit II, left foot 7366 72 *Ungual phalanx, digit II, left foot 7366 72 *Ungual phalanx, digit II, left foot 736 73 *Third corsial rib, left 751 156 *Seventh dorsal rib, left 751 156 *Seventh dorsal rib, left 751 156 *Seventh dorsal rib, left 751 151 *Seventh dorsal rib, left 751 151 *Seventh dorsal rib, left 751 151 | | 7380 | 12 | 5 |
| *FIDIA], feft. 7361 96 *Scapula, right. 7361 96 *Scapula, left. 4929 184 Coracoid, left. 2112 197 Humerus, right. 4929 212 Humerus, left. 4929 183 Ulna, right. 4929 183 Ulna, right. 4929 183 Ulna, right. 4929 180 Ulna, left. 4929 180 Ulna, left. 4929 180 Ilna, right. 4929 180 Ilna, right. 4929 180 Ilna, right. 4929 180 Radius, right. 4929 180 Radius, right. 4929 180 Radius, right. 4929 190 Illum, right. 6531 79 Illum, right. 6531 79 Illum, right. 6531 111 Pubes, left. 6531 111 Schium, right. 6531 111 Schium, left. 6531 51 Ischium, left. 6531 51 Ischium, left. 6531 51 Uschium, left. 7397 179 *Metatarsals I, II, and III, left foot. 7397 179 *Metatarsals I, II, and III, left foot. 7349 77 *Proximal phalanx, digit I, right foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, right foot. 7366 115 Ungual phalanx, digit II, right foot. 7366 12 *Ungual phalanx, digit II, right foot. 7366 12 *Ungual phalanx, digit II, right foot. 7366 72 *Ungual phalanx, digit II, right foot. 7366 72 *Ungual phalanx, digit II, right foot. 7366 72 *Ungual phalanx, digit II, right foot. 7366 73 *Proximal phalanx, digit II, right foot. 7366 75 *Proxima | Tibia right | | | 4 5 |
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| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | *Scapula left | | 184 | 4 |
| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | Coracoid, right | 7361 | 96 | 5 |
| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | Coracoid, left | | | 7 |
| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | Humerus, right | | | 7 |
| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | Ulna right | | | 7 |
| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | Ulna, left | 4929 | 150 | 4 |
| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | Radius, right | 4929 | 16 | 8 |
| Himm, left. 6331 79 Prubes, right. 6531 111 Pubes, left. 6531 49 Ischium, left. 6531 51 Ischium, left. 6531 54 Calcaneum, right. 7397 179 Metatarsals I, II, and III, right foot. 7349 *Proximal phalanx, digit I, right foot. 7349 *Proximal phalanx, digit I, right foot. 7369 77 Proximal phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, right foot. 7369 74 Ungual phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit I, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7369 77 *Proximal phalanx, digit II, left foot. 7360 77 *Proximal phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 115 Ungual phalanx, digit II, left foot. 7366 77 *Ungual phalanx, digit III, right foot. 7366 77 Unare, left. 4290 201 Metacarpala, I, right. 4290 201 Metacarpala, I, right. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7764 214 Proximal phalanx, digit, left foot. 736 3 Third cervical rib, left. 7761 22 Second dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 23 Sixth dorsal rib, right. 7761 7761 Seventh dorsal rib, right. 7761 | Hadius, left | | 149 | 13 |
| *Metatarsals I, II, and III, right foot. 4280 77 Metatarsals I, II, and III, left foot. 7349 77 Proximal phalanx, digit I, right foot. 7612 77 Proximal phalanx, digit I, left foot. 7612 7869 74 Ungual phalanx, digit I, left foot. 7782 105 *Proximal phalans, digit I, left foot. 7782 105 *Proximal phalanx, digit I, left foot. 7782 105 *Proximal phalanx, digit II, left foot. 7782 105 *Proximal phalanx, digit II, right foot. 7366 115 Ungual phalanx, digit II, right foot. 7736 72 *Ungual phalanx, digit II, right foot. 7736 73 *Undetacarpals, I, IV, and V, left. 4929 201 Metacarpals, I, ipht. 7741 125 Second dorsal rib, left. 7411 125 Second dorsal rib, right. 7411 123 Sixth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, right. 7731 156 Fifth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 123 Fighth dorsal rib, right. 6531 75 Seventh dorsal rib, right. 6531 75 Seventh dorsal rib, left. 6531 51 Eighth dorsal rib, right. 7731 158 Ninth dorsal rib, right. 7731 158 | Ilinm, left | | 79 | 13 13 |
| *Metatarsals I, II, and III, right foot. 4280 77 Metatarsals I, II, and III, left foot. 7349 77 Proximal phalanx, digit I, right foot. 7612 77 Proximal phalanx, digit I, left foot. 7612 7869 74 Ungual phalanx, digit I, left foot. 7782 105 *Proximal phalans, digit I, left foot. 7782 105 *Proximal phalanx, digit I, left foot. 7782 105 *Proximal phalanx, digit II, left foot. 7782 105 *Proximal phalanx, digit II, right foot. 7366 115 Ungual phalanx, digit II, right foot. 7736 72 *Ungual phalanx, digit II, right foot. 7736 73 *Undetacarpals, I, IV, and V, left. 4929 201 Metacarpals, I, ipht. 7741 125 Second dorsal rib, left. 7411 125 Second dorsal rib, right. 7411 123 Sixth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, right. 7731 156 Fifth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 123 Fighth dorsal rib, right. 6531 75 Seventh dorsal rib, right. 6531 75 Seventh dorsal rib, left. 6531 51 Eighth dorsal rib, right. 7731 158 Ninth dorsal rib, right. 7731 158 | Pubes, right | 6531 | | 13 |
| *Metatarsals I, II, and III, right foot. 4280 77 Metatarsals I, II, and III, left foot. 7349 77 Proximal phalanx, digit I, right foot. 7612 77 Proximal phalanx, digit I, left foot. 7612 7869 74 Ungual phalanx, digit I, left foot. 7782 105 *Proximal phalans, digit I, left foot. 7782 105 *Proximal phalanx, digit I, left foot. 7782 105 *Proximal phalanx, digit II, left foot. 7782 105 *Proximal phalanx, digit II, right foot. 7366 115 Ungual phalanx, digit II, right foot. 7736 72 *Ungual phalanx, digit II, right foot. 7736 73 *Undetacarpals, I, IV, and V, left. 4929 201 Metacarpals, I, ipht. 7741 125 Second dorsal rib, left. 7411 125 Second dorsal rib, right. 7411 123 Sixth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, right. 7731 156 Fifth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 123 Fighth dorsal rib, right. 6531 75 Seventh dorsal rib, right. 6531 75 Seventh dorsal rib, left. 6531 51 Eighth dorsal rib, right. 7731 158 Ninth dorsal rib, right. 7731 158 | Pubes, left | | | 13 13 13 7 5 |
| *Metatarsals I, II, and III, right foot. 4280 77 Metatarsals I, II, and III, left foot. 7349 77 Proximal phalanx, digit I, right foot. 7612 77 Proximal phalanx, digit I, left foot. 7612 7869 74 Ungual phalanx, digit I, left foot. 7782 105 *Proximal phalans, digit I, left foot. 7782 105 *Proximal phalanx, digit I, left foot. 7782 105 *Proximal phalanx, digit II, left foot. 7782 105 *Proximal phalanx, digit II, right foot. 7366 115 Ungual phalanx, digit II, right foot. 7736 72 *Ungual phalanx, digit II, right foot. 7736 73 *Undetacarpals, I, IV, and V, left. 4929 201 Metacarpals, I, ipht. 7741 125 Second dorsal rib, left. 7411 125 Second dorsal rib, right. 7411 123 Sixth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, left. 7731 156 Fifth dorsal rib, right. 7731 156 Fifth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 23 Sixth dorsal rib, left. 7741 123 Fighth dorsal rib, right. 6531 75 Seventh dorsal rib, right. 6531 75 Seventh dorsal rib, left. 6531 51 Eighth dorsal rib, right. 7731 158 Ninth dorsal rib, right. 7731 158 | Ischium left | 6531 | 51 | 13 |
| Metatarsals I, II, and III, left foot 7349 *Proximal phalanx, digit I, right foot 4280 77 Proximal phalanx, digit I, right foot 7612 7889 74 Ungual phalanx, digit I, right foot 7782 105 *Proximal phalanx, digit II, right foot 4280 77 *Proximal phalanx, digit II, left foot 7349 77 Ungual phalanx, digit II, left foot 7366 115 Ungual phalanx, digit III, right foot 7786 72 *Ungual phalanx, digit III, right foot 4280 77 *Ungual phalanx, digit III, right foot 7786 72 *Ungual phalanx, digit III, right foot 4280 77 *Ungual phalanx, digit III, right foot 4280 77 *Ungual phalanx, digit III, right foot 736 72 *Ungual phalanx, digit III, right foot 4280 77 *Ungual phalanx, digit III, right foot 77 101 *Ungual phalanx, digit III, right foot 78 72 *Ungual phalanx, digit III, right foot 77 11 **Cond for tight for tight foot | Calcaneum right | 7397 | | 7 |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 | *Metatarsals I, II, and III, right foot | 4280 | 77 | 5 |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 | Metatarsals I, II, and III, left foot | | 77 | 5 |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 | Proximal phalany, digit I, left foot. | 7612 | | |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 | Ungual phalanx, digit I, right foot | 7369 | | 5 7 5 |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 | Ungual phalanx, digit I, left foot | | | 7 |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Winth dorsal rib, right 731 158 | *Proximal phalany digit II left foot | 4280 7340 | 17 | |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Winth dorsal rib, right 731 158 | Ungual phalanx, digit II, right foot. | 7366 | 115 | 7 7 5 |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Winth dorsal rib, right 731 158 | Ungual phalanx, digit II, left foot | 7736 | 72 | 7 |
| Metacarpals, I, IV, and V, left 4929 201 Metacarpal, I, right 7764 214 Proximal phalanx, digit I, left foot 736 3 Third cervical rib, left 7411 25 First dorsal rib, left 7411 16 Second dorsal rib, left 6531 76 Third dorsal rib, left 7731 156 Fifth dorsal rib, left 77411 23 Sixth dorsal rib, left 7509 203 Sixth dorsal rib, left 6531 7 Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 731 158 Ninth dorsal rib, right 731 158 Winth dorsal rib, right 731 158 | *Ungual phalanx, digit III, right foot | | 77 | 5 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Wetgegraph I IV and V left | | 201 | 4 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Metacarpal, I, right | | 214 | 4 7 5 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Proximal phalanx, digit I, left foot | 736 | 3 | 5 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Third cervical rib, left | 7411 | 95 | 13 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Second dorsal rib, right | 7411 | | 11 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Second dorsal rib, left | 0531 | 76 | 13 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Third dorsal rib, left. | 7731 | | 4 13 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Fifth dorsal rib, fight | 7411 | 23 | 13 |
| Seventh dorsal rib, right 6531 75 Seventh dorsal rib, left 6531 51 Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7731 158 Ninth dorsal rib, left 7731 171 | Sixth dorsal rib, right. | | 7 | 13 |
| Eighth dorsal rib, left 6531 51 Eighth dorsal rib, right 7,31 158 Ninth dorsal rib, left 7731 171 | Seventh dorsal rib, right. | 6531 | 75 | 13 13 |
| Bighth dorsal rib, right 9031 31 51 52 53 53 53 53 54 55 55 55 | Seventh dorsal rib, left | 6531 | | 13 |
| Ninth dorsal rib, left | Eighth dorsal rib, right | | | 13 4 |
| Fiftcenth dorsal rib, right 6531 | Ninth dorsal rib, left | 7731 | | 4 |
| Or will an dill | Fiftcenth dorsal rib, right | 6531 | | 13 13 |
| Sternal bone, right | Sternal bone, right | 6531 | 87 | 13 |

^{*} Those elements marked with an asterisk indicate they were figured in Bulletin 89, U.S.N.M. 1914.

When numbers are missing in the above series of vertebrae, ribs, etc., it indicates that those bones were entirely restored.

The position of the bones as found in the quarry may be determined by referring to the quarry map published as plate 37 in Bulletin 89, U. S. National Museum 1914.

EXPLANATION OF PLATES.

PLATE 57.

Mounted skeleton of Stegosaurus stenops Marsh. About 1/28 natural size. Viewed from the right side.

PLATE 58.

Mounted skeleton of Steyosaurus stenops Marsh. About 1/20 natural size. Oblique view of right side.

PLATE 59.

Mounted skeleton of Steyosaurus stenops Marsh. About 1/14 natural size. Viewed from the front.

Plate 60.

Mounted skeleton of $Stegosaurus\ stenops\ Marsh.$ About 1/14 natural size. Viewed from the back.

PLATE 61.

View of the Stegosaurus specimens as exhibited in the United States National Museum. 1. Mounted skeleton No. 8612. 2. Type of Stegosaurus stenops No. 4934, shown as found. 3. Life-sized restoration of Stegosaurus stenops No. 5794. Viewed from above. All about 1/63 natural size.

PLATE 62.

Life-sized restoration of *Steyosaurus stenops* in United States National Museum No. 5794. Oblique view of the left side. Original modeled by Mr. Charles R. Knight in 1903.

PLATE 63.

Model restoration of *Stegosaurus stenops* Marsh. About 1/27 natural size. Modeled by Charles W. Gilmore, 1915. Based on the type and other specimens in the United States National Museum.